

REMARKS

Presently pending in the application are claims 1-26, all of which are as originally entered, except for claim 18, which has been amended.

The Examiner has objected to claim 18. The Examiner states that "the term "said exhaust gas sensor", line 1, should be changed to - an exhaust gas sensor--." Applicants have amended claim 18. However, Applicants have amended claim 18 to depend from claim 17. In this way antecedent basis is provided for "said exhaust gas sensor." Applicants submit that this amendment satisfies the Examiner's objection to the claim. Applicants, therefore, respectfully request that the objection to the claim be withdrawn.

The Examiner has rejected claims 1-26 under 35 U.S.C. §102(b) as being anticipated by King et al. (U.S. 6,67,698). The Examiner has stated: "Claims 1-26 are deemed broad enough to be descriptive of the exhaust gas purification system of King et al. The reference of King et al. discloses an exhaust gas purification system comprising a reservoir 30 for receiving pressurized air from the compressor portion 31 of the...in accordance with the duty cycle of the injector as shown in Figure 2."

Applicants submit that the King reference does not describe Applicants' claims. Furthermore, Applicants' claimed invention is not inherent in the King reference. Applicants submit that the Examiner has failed to show where King et al. shows Applicant's invention. Specifically:

➤ King et al. do not show either of the steps shown in claim 1:

"indicating a quantity of reductant stored within the catalyst"; or

"while said quantity is less than a first predetermined quantity, supply reductant to the catalyst."

➤ King et al. do not show the following element of Applicant's claim 16:

"an electronic control unit operably connected to said injector and the combustion chamber which periodically creates a first set of operating conditions of said combustion chamber and actuates said injector during said first set of operating conditions."

➤ King et al. do show either of the steps in Applicants' claim 23:

"providing an indication of a quantity of reductant stored within the catalyst";

or

"when said quantity is less than a first predetermined quantity, creating an operating condition which provides a temperature in the catalyst exceeding a predetermined temperature."

➤ King et al. do not show the following step in Applicants' claim 25:

"instructions for periodically creating a first set of engine operating conditions."

Applicants submit that King et al. anticipate none of independent claims 1, 16, 23, or 25 because King et al. do not show each and every element of any of claims 1, 16, 23, or 25. Applicants respectfully request that rejections under 102(b), as being anticipated by King et al., be withdrawn. Applicants further request that rejections to claims depending from one of 1, 16, 23, and 25, namely 2-15, 17-22, 24, and 26, also be withdrawn.

No other art is cited in the Office Action. Based on the foregoing comments, the above identified application is believed to be in condition for allowance, and such allowance is courteously solicited. If any further amendment is necessary to advance prosecution and place this case in allowable condition, the Examiner is courteously requested to contact the undersigned by fax or telephone at the number listed below.

Please charge any cost incurred in the filing of this Amendment, along with any other costs, to Deposit Account 06-1510. If there are insufficient funds in this account, please charge the fees to Deposit Account No.06-1505.

Respectfully submitted,



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